

**Flood Control Project Maintenance**  
**2018 Structure Summary Report**  
**Overall Unit and Item Ratings**

**Madera County FCWCA**

**Ash Slough Control Structure**

Overall Unit Rating	Rated Item	Item Rating
<b>A</b>	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	A
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	M
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**2018 Structure Summary Report**  
**Overall Unit and Item Ratings**

**Madera County FCWCA (cont.)**

**Berenda Slough Control Structure**

Overall Unit Rating	Rated Item	Item Rating
<b>A</b>	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	N
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**2018 Structure Summary Report**  
**Overall Unit and Item Ratings**

**Madera County FCWCA (cont.)**

**Fresno River Diversion Weir**

Overall Unit Rating	Rated Item	Item Rating
<b>A</b>	Photo Documentation	N
	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	A
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**Unit Cover Sheet**  
**2018 Structure Inspection Results**

**Madera County FCWCA**

Structure
Ash Slough Control Structure

Structure Rating	A
Date of Inspection	6/13/2018
DWR Inspector	David Julian
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_1				
Action/Comments					

Photo 1 of 5 : ST\_2018\_NA0011\_68\_1\_20180615\_00015.jpg



View looking upstream at the whole structure. (2018)

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 5 : ST\_2018\_NA0011\_68\_1\_20180615\_00016.jpg



Upstream right bank view of the wing wall and walk way. (2018)

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 5 : ST\_2018\_NA0011\_68\_1\_20180615\_00017.jpg



Upstream left bank view of the wing wall and walk way. (2018)

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_1				
Action/Comments					

Photo 4 of 5 : ST\_2018\_NA0011\_68\_1\_20180615\_00018.jpg



Downstream right bank view of the concrete wall, weir, hydraulic dissipator, and walk way. (2018)

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS

Photo 5 of 5 : ST\_2018\_NA0011\_68\_1\_20180615\_00019.jpg



Downstream left bank view of the concrete wall, weir, hydraulic dissipator, and walk way. (2018)

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_2				
Action/Comments					
Inspector Comments: Minimal amount of vegetation present on the right bank downstream from structure. The flow is not impeded.					

Photo 1 of 1 : ST\_2018\_NA0011\_68\_2\_20180615\_00020.jpg



Vegetation directly downstream of the structure. (2018)

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Shoaling / Sedimentation	37.158598 °		37.158598 °	
		-120.124531 °		-120.124531 °	
DWR ID	DWR_NA0011_68_t_2017_3				
Action/Comments					
Inspector Comments: No sedimentation noted at time of inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_4				
Action/Comments					
Inspector Comments: No Erosion or Bank Caving noted.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_5				
Action/Comments					
Inspector Comments: No rip rap visible during this inspection.					

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_6				
Action/Comments					
Inspector Comments: There are no encroachments present at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_7				
Action/Comments					
Inspector Comments: No Culverts at this Structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Breaks / Holes / Cracks			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_8				
Action/Comments					
Inspector Comments: No Culvert at this structure.					

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Metal Pipes	37.158598 °		37.158598 °	
		-120.124531 °		-120.124531 °	
DWR ID	DWR_NA0011_68_t_2017_9				
Action/Comments					
Inspector Comments: No metal pipes at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	37.158598 °		37.158598 °	
		-120.124531 °		-120.124531 °	
DWR ID	DWR_NA0011_68_t_2017_10				
Action/Comments					
Inspector Comments: There is no trash rack at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_11				
Action/Comments					

No Photos

**\* Location**  
LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_12				
Action/Comments					
Inspector Comments: Stop logs in place during inspection and appeared to be in good shape.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_13				
Action/Comments					
Inspector Comments: No electric gate operators exist on this structure. The gates are opened and closed manually by the placement of wooden boards placed in guides along the face of the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2018_14				
Action/Comments					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	37.158598 °		37.158598 °	
		-120.124531 °		-120.124531 °	
DWR ID	DWR_NA0011_68_t_2017_15				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_16				
Action/Comments					
Inspector Comments: No tilting or settlement issues at this location.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_17				
Action/Comments					

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
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N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_18				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_19				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_20				
Action/Comments					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	37.158598 °		37.158598 °	
		-120.124531 °		-120.124531 °	
DWR ID	DWR_NA0011_68_t_2017_21				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.158598 °	37.158598 °
				-120.124531 °	-120.124531 °
DWR ID	DWR_NA0011_68_t_2017_22				
Action/Comments					

No Photos

LM Start	0.00	Rating **	M	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Safety	37.158598 °		37.158598 °	
		-120.124531 °		-120.124531 °	
DWR ID	DWR_NA0011_68_t_2017_23				
Action/Comments					
Inspector Comments: Damaged boards have been replaced. Cable holding hand railing at left end of walkway is missing.					

Photo 1 of 2 : ST\_2018\_NA0011\_68\_23\_20180615\_00023.jpg



View of replaced boards on walk way. (2018)

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	M	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Safety	37.158598 °		37.158598 °	
		-120.124531 °		-120.124531 °	
DWR ID	DWR_NA0011_68_t_2017_23				
Action/Comments					
Inspector Comments: Damaged boards have been replaced. Cable holding hand railing at left end of walkway is missing.					

Photo 2 of 2 : ST\_2018\_NA0011\_68\_23\_20180615\_00022.jpg



View of missing walkway cable. (2018)

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Operation & Maintenance Manual	37.158598 °		37.158598 °	
		-120.124531 °		-120.124531 °	
DWR ID	DWR_NA0011_68_t_2017_24				
Action/Comments					

No Photos

\* Location  
LS : Land Side  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance**  
**Unit Cover Sheet**  
**2018 Structure Inspection Results**

**Madera County FCWCA**

Structure
Berenda Slough Control Structure

Structure Rating	A
Date of Inspection	6/13/2018
DWR Inspector	David Julian
Accompanied By	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.158013 °	37.158013 °
				-120.124174 °	-120.124174 °
DWR ID	DWR_NA0011_69_t_2017_1				
Action/Comments					

Photo 1 of 5 : ST\_2018\_NA0011\_69\_1\_20180615\_00005.jpg



Looking upstream at the whole structure. (2018)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 5 : ST\_2018\_NA0011\_69\_1\_20180615\_00006.jpg



Upstream right bank view of wing wall and walk way. (2018)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 5 : ST\_2018\_NA0011\_69\_1\_20180615\_00007.jpg



Upstream left bank view of wing wall and walk way. (2018)

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	1 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Photo Documentation			37.158013 °	37.158013 °	
				-120.124174 °	-120.124174 °	
DWR ID	DWR_NA0011_69_t_2017_1					
Action/Comments						

Photo 4 of 5 : ST\_2018\_NA0011\_69\_1\_20180615\_00008.jpg



Downstream right bank view of concrete wall, walk way, and weir. (2018)

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 5 of 5 : ST\_2018\_NA0011\_69\_1\_20180615\_00009.jpg



Downstream left bank view of concrete wall, walk way, and weir. (2018)

LM Start	0.00	Rating **	A	Issue No.	2	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation & Obstructions			37.158013 °	37.158013 °	
				-120.124174 °	-120.124174 °	
DWR ID	DWR_NA0011_69_t_2017_2					
Action/Comments						
Inspector Comments: Looking downstream from the structure there is a small scattered amount of vegetation present on the right bank that does not impede the flow. However, vegetation should be controlled before it becomes a problem.						

Photo 1 of 1 : ST\_2018\_NA0011\_69\_2\_20180615\_00010.jpg



View of downstream right bank vegetation. (2018)

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Shoaling / Sedimentation			37.158013 °	37.158013 °
				-120.124174 °	-120.124174 °
DWR ID	DWR_NA0011_69_t_2017_3				
Action/Comments					
Inspector Comments: No shoaling or Sedimentation visible at time of inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.158013 °	37.158013 °
				-120.124174 °	-120.124174 °
DWR ID	DWR_NA0011_69_t_2017_4				
Action/Comments					
Inspector Comments: No Erosion / Bank Caving.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Revetments			37.158013 °	37.158013 °	
				-120.124174 °	-120.124174 °	
DWR ID	DWR_NA0011_69_t_2017_5					
Action/Comments						
Inspector Comments: No Revetment noted at time of inspection.						

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Encroachments	37.158013 °		37.158013 °	
		-120.124174 °		-120.124174 °	
DWR ID	DWR_NA0011_69_t_2017_6				
Action/Comments					
Inspector Comments: No Encroachments at this location.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Culverts: Inlets / Outlets	37.158013 °		37.158013 °	
		-120.124174 °		-120.124174 °	
DWR ID	DWR_NA0011_69_t_2017_7				
Action/Comments					
Inspector Comments: No Culverts at this Structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Breaks / Holes / Cracks			37.158013 °	37.158013 °
				-120.124174 °	-120.124174 °
DWR ID	DWR_NA0011_69_t_2017_8				
Action/Comments					
Inspector Comments: There are no culverts at this structure.					

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Metal Pipes	37.158013 °		37.158013 °	
		-120.124174 °		-120.124174 °	
DWR ID	DWR_NA0011_69_t_2017_9				
Action/Comments					
Inspector Comments: No metal pipes at this Structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Trash Racks	37.158013 °		37.158013 °	
		-120.124174 °		-120.124174 °	
DWR ID	DWR_NA0011_69_t_2017_10				
Action/Comments					
Inspector Comments: No trash rack.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			37.158013 °	37.158013 °
				-120.124174 °	-120.124174 °
DWR ID	DWR_NA0011_69_t_2017_11				
Action/Comments					
Inspector Comments: No flap gates at this structure.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Sluice/Slide Gates	37.158013 °		37.158013 °	
		-120.124174 °		-120.124174 °	
DWR ID	DWR_NA0011_69_t_2017_12				
Action/Comments					
Inspector Comments: Stop logs in place during inspection and in good repair.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Electric Gate Operators	37.158013 °		37.158013 °	
		-120.124174 °		-120.124174 °	
DWR ID	DWR_NA0011_69_t_2017_13				
Action/Comments					
Inspector Comments: No electric gate operators exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.158013 °	37.158013 °
				-120.124174 °	-120.124174 °
DWR ID	DWR_NA0011_69_t_2017_14				
Action/Comments					
Inspector Comments: There are no manual gate Operators at this location.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	37.158013 °		37.158013 °	
		-120.124174 °		-120.124174 °	
DWR ID	DWR_NA0011_69_t_2017_15				
Action/Comments					
Inspector Comments: Concrete Surface is in good shape, no cracks.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Concrete Tilting / Settlement	37.158013 °		37.158013 °	
		-120.124174 °		-120.124174 °	
DWR ID	DWR_NA0011_69_t_2017_16				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			37.158013 °	37.158013 °
				-120.124174 °	-120.124174 °
DWR ID	DWR_NA0011_69_t_2017_17				
Action/Comments					
Inspector Comments: No scouring/ erosion or undermining near the structure.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.158013 °	37.158013 °
				-120.124174 °	-120.124174 °
DWR ID	DWR_NA0011_69_t_2017_18				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			37.158013 °	37.158013 °
				-120.124174 °	-120.124174 °
DWR ID	DWR_NA0011_69_t_2017_19				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Trash Rakes			37.158013 °	37.158013 °	
				-120.124174 °	-120.124174 °	
DWR ID	DWR_NA0011_69_t_2017_20					
Action/Comments						
Inspector Comments: No trash Rakes at this structure.						

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	A	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	37.158013 °		37.158013 °	
		-120.124174 °		-120.124174 °	
DWR ID	DWR_NA0011_69_t_2017_21				
Action/Comments					
Inspector Comments: All metal parts are protected from corrosion damage, and show no rust or deterioration that would cause a safety concern.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Monolith Joints	37.158013 °		37.158013 °	
		-120.124174 °		-120.124174 °	
DWR ID	DWR_NA0011_69_t_2017_22				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			37.158013 °	37.158013 °
				-120.124174 °	-120.124174 °
DWR ID	DWR_NA0011_69_t_2017_23				
Action/Comments					
Inspector Comments: Pedestrian hand railing with missing cable has been repaired..					

Photo 1 of 2 : ST\_2018\_NA0011\_69\_23\_20180615\_00011.jpg



View of repaired railing and cable on walkway. (2018)

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Berenda Slough Control Structure		06/13/2018 06/13/2018	David Julian

LM Start	0.00	Rating **	A	Issue No.	23 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Safety			37.158013 °		37.158013 °
				-120.124174 °		-120.124174 °
DWR ID	DWR_NA0011_69_t_2017_23					
Action/Comments						
Inspector Comments: Pedestrian hand railing with missing cable has been repaired..						

Photo 2 of 2 : ST\_2018\_NA0011\_69\_23\_20180607\_00004.jpg



Looking at the pedestrian walkway with safety hand railing, and wooden walkway. The end piece has come apart on the upstream side of structure viewed in this photo.

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Operation & Maintenance Manual	37.158013 °		37.158013 °	
		-120.124174 °		-120.124174 °	
DWR ID	DWR_NA0011_69_t_2017_24				
Action/Comments					

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance**  
**Unit Cover Sheet**  
**2018 Structure Inspection Results**

**Madera County FCWCA**

Structure
Fresno River Diversion Weir

Structure Rating	A
Date of Inspection	6/12/2018
DWR Inspector	David Julian
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			36.968221 °	36.968221 °
				-120.255523 °	-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_1				
Action/Comments					

Photo 1 of 5 : ST\_2018\_NA0011\_6\_1\_20180615\_00008.jpg



Looking upstream at the whole structure. (2018)

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 5 : ST\_2018\_NA0011\_6\_1\_20180615\_00009.jpg



Right bank upstream view the screw gate, walk way, and gauging station. (2018)

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 5 : ST\_2018\_NA0011\_6\_1\_20180615\_00010.jpg



Left bank upstream view of the diversion weir, wing wall, and hydraulic dissipator. (2018)

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	1 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Photo Documentation			36.968221 °		36.968221 °
				-120.255523 °		-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_1					
Action/Comments						

Photo 4 of 5 : ST\_2018\_NA0011\_6\_1\_20180615\_00011.jpg



Right bank downstream view of the walkway, wing wall, hydraulic dissipator, and rip rap. (2018)

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 5 of 5 : ST\_2018\_NA0011\_6\_1\_20180615\_00012.jpg



Left bank downstream view of the diversion weir, wing wall, hydraulic dissipator, and rip rap. (2018)

LM Start	0.00	Rating **	M	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			36.968221 °	36.968221 °
				-120.255523 °	-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_2				
Action/Comments					
Inspector Comments: Clear trees from the downstream side of structure.					

Photo 1 of 1 : ST\_2018\_NA0011\_6\_2\_20180615\_00013.jpg



Trees directly downstream of the diversion weir. (2018)

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Shoaling / Sedimentation	36.968221 °		36.968221 °	
		-120.255523 °		-120.255523 °	
DWR ID	DWR_NA0011_6_t_2016_3				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			36.968221 °		36.968221 °
				-120.255523 °		-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_4					
Action/Comments						
Inspector Comments: No erosion present at this location.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Revetments			36.968221 °		36.968221 °
				-120.255523 °		-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_5					
Action/Comments						
Inspector Comments: Revetment directly downstream of structure on both banks and in channel.						

Photo 1 of 3 : ST\_2018\_NA0011\_6\_5\_20180615\_00019.jpg



View of revetment in the channel. (2018)

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	A	Issue No.	5 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Revetments			36.968221 °		36.968221 °
				-120.255523 °		-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_5					
Action/Comments						
Inspector Comments: Revetment directly downstream of structure on both banks and in channel.						

Photo 2 of 3 : ST\_2018\_NA0011\_6\_5\_20180615\_00018.jpg



View of revetment in the channel. (2018)

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST\_2018\_NA0011\_6\_5\_20180615\_00020.jpg



Revetment on the right bank downstream of the structure. (2018)

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968221 °	36.968221 °
				-120.255523 °	-120.255523 °
DWR ID	DWR_NA0011_6_t_2017_6				
Action/Comments					
Inspector Comments: No trash, debris, excavation or other obstructions.					

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Culverts: Inlets / Outlets	36.968221 °		36.968221 °	
		-120.255523 °		-120.255523 °	
DWR ID	DWR_NA0011_6_t_2016_7				
Action/Comments					
Inspector Comments: No sediment or debris visible during this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	8	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			36.968221 °		36.968221 °
				-120.255523 °		-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_8					
Action/Comments						
Inspector Comments: No damage to culverts visible during this inspection.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	9	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Metal Pipes			36.968221 °		36.968221 °
				-120.255523 °		-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_9					
Action/Comments						
Inspector Comments: No damage visible during this inspection.						

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	36.968221 °		36.968221 °	
		-120.255523 °		-120.255523 °	
DWR ID	DWR_NA0011_6_t_2016_10				
Action/Comments					
Inspector Comments: This structure has no trash racks.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			36.968221 °	36.968221 °
				-120.255523 °	-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_11				
Action/Comments					
Inspector Comments: There are no flap gates at this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			36.968221 °	36.968221 °
				-120.255523 °	-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_12				
Action/Comments					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Electric Gate Operators	36.968221 °		36.968221 °	
		-120.255523 °		-120.255523 °	
DWR ID	DWR_NA0011_6_t_2016_13				
Action/Comments					
Inspector Comments: There are no electric gates here at this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Manual Gate Operators	36.968221 °		36.968221 °	
		-120.255523 °		-120.255523 °	
DWR ID	DWR_NA0011_6_t_2016_14				
Action/Comments					
Inspector Comments: The manual control gates here are in good working order.					

Photo 1 of 1 : ST\_2018\_NA0011\_6\_14\_20180615\_00015.jpg



Manual control gates. (2018)

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	36.968221 °		36.968221 °	
		-120.255523 °		-120.255523 °	
DWR ID	DWR_NA0011_6_t_2016_15				
Action/Comments					
Inspector Comments: The concrete surface here is in good condition.					

Photo 1 of 2 : ST\_2018\_NA0011\_6\_15\_20180615\_00016.jpg



Concrete surfaces show no cracks. (2018)

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

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C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	A	Issue No.	15 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Surfaces			36.968221 °		36.968221 °
				-120.255523 °		-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_15					
Action/Comments						
Inspector Comments: The concrete surface here is in good condition.						

Photo 2 of 2 : ST\_2018\_NA0011\_6\_15\_20180615\_00017.jpg



Concrete surfaces show no cracks. (2018)

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			36.968221 °	36.968221 °
				-120.255523 °	-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_16				
Action/Comments					
Inspector Comments: There are no concrete tilting/settlement problems here at this site.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			36.968221 °	36.968221 °
				-120.255523 °	-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_17				
Action/Comments					
Inspector Comments: No scouring/ erosion or undermining at or near this structure.					

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

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U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			36.968221 °	36.968221 °
				-120.255523 °	-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_18				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			36.968221 °	36.968221 °
				-120.255523 °	-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_19				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			36.968221 °	36.968221 °
				-120.255523 °	-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_20				
Action/Comments					
Inspector Comments: There is no trash rake at this site.					

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
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**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	36.968221 °		36.968221 °	
		-120.255523 °		-120.255523 °	
DWR ID	DWR_NA0011_6_t_2016_21				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			36.968221 °	36.968221 °
				-120.255523 °	-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_22				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Safety			36.968221 °		36.968221 °
				-120.255523 °		-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_23					
Action/Comments						
Inspector Comments: No safety issues present at this location.						

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		06/12/2018 06/12/2018	David Julian

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			36.968221 °	36.968221 °
				-120.255523 °	-120.255523 °
DWR ID	DWR_NA0011_6_t_2016_24				
Action/Comments					
Inspector Comments: O+M manual is maintained at the LMA office.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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